TOSHIBA

Satellite® 2455 Series

Look no further for the ultimate desktop computer replacement

Model(s):

Satellite 2455-S305

P4 2400/15.0"TFT/512MB/60GB/DVD-R/RW/Mdm/LAN/WinXP Home — PS245U-075RSV

Satellite 2455-S306

P4 2400/15.0"TFT/512MB/60GB/DVD-R/RW/Mdm/LAN/WinXP Pro — PS245U-075RS6

Product Highlights

Performance

- Intel® Pentium® 4 2.40GHz processor
- 512MB of Main Memory

Convenient design

- 60GB* hard disk drive
- DVD-R/RW multi-function drive

Great Features

- 15.0" XGA TFT screen
- nVIDIA® GeForce4™ 420 Go graphics controller with 32MB DDR video memory

Get On-Line

- Integrated V.92/56K modem
- Integrated 10/100 Ethernet LAN
- *Optional Upgrade:* Integrated 802.11b Wireless LAN module

System Characteristics

CPU *(See CPU Disclaimer)*

- Intel® Pentium® 4 2.40GHz processor**
- Integrated co-processor

L2 Cache

- 512KB Level 2 Cache integrated on die
- 533MHz Processor System Bus Clock Speed

Memory

- 512MB DDR SDRAM **(Expandable to 1024MB)** *(Both slots may be occupied)*
- Expansion memory: 128MB/256MB/512MB PC2100 DDR, SODIMM, 2.5V
- Data/Address Bus Width; 64-bit/32-bit
- Intel 82845E + 82801DB Chipset

Mass Storage

- **Primary Hard Disk Drive**: 60GB* hard disk drive, Enhanced IDE (ATA-5), 4200rpm, 9.7mm height, 0.2lbs, Service Removable
- **DVD-R/RW**: Max Speed: Read: CD-ROM, CD-R(24x), CD-RW(12x), DVD-ROM(8x), DVD-R, DVD-RW(4x), DVD-Multi(1x); Write: CD-R(16x), CD-RW(10x), DVD-R(1x), DVD-RW(1x); Compatibility: CD-ROM, CD-R(read/write), CD-RW(read/re-write), DVD-ROM, DVD-R (read/write), DVD-RW(read/write), DVD-Multi(read only); User removable
- Optional Selectable Bay Drive: (2nd HDD, DVD-ROM, DVD-ROM/CD-RW, DVD-R/RW, DVD Multi, Bridge Media adapter)
- Software Decoder: InterVideo® (WinDVD™)

Graphics/Video

- 15.0" XGA TFT active-matrix display; internal display supports up to 16M colors at 1024 x 768
- **nVIDIA® GeForce4® 420 Go** graphics processor; 32MB external DDR video memory
- Digital Video Accelerator; DirectVideo, DirectMPEG support

External Color Support/Refresh rate:

800 x 600;	60/75/85/100Hz Non-interlaced @ 16M Colors
1024 x 768;	60/75/85/100Hz Non-interlaced @ 16M Colors
1280 x 1024;	60/75/85/100Hz Non-interlaced @ 16M Colors
1400 x 1050;	60Hz Non-interlaced @ 64K
1600 x 1200;	60/75/85/100Hz Non-interlaced @ 16M Colors
1920 x 1440;	60/75Hz Non-interlaced @ 16M Colors
2048 x 1536;	60Hz Non-interlaced @ 16M Colors

Input Devices

- **Keyboard:** Full sized 85 keys with 12 function keys, 2.7mm key stroke, 6mm height; Dedicated Windows® & Application keys support; HotKey function; **TouchPad** pointing device; TouchPad On/Off utility
- **CD Control Function:** Play/Pause, Stop, Previous, Next, Mode Control Switch (CD/DVD)
- Toshiba Console Button
- Internet Browser Launch Function

Expandability

- 2 Memory slots *(Both slots may be occupied)*
- PC Card slot supports 1 Type II (5mm)

Communications

- Integrated V.92/56K modem; Data and fax support
- Integrated 10/100 Ethernet LAN
- *Optional Upgrade:* Integrated 802.11b Wireless LAN

Due to FCC limitations, speeds of 53kbps are the maximum permissible transmission rates during Download. Actual data transmission speeds will vary depending on line conditions.

Ports

- RGB (monitor) port
- Parallel port
- 3 Universal Serial Bus port (2.0)
- Infrared port (FIR)
- TV-Out (S-Video)
- RJ-45 LAN port
- RJ-11 modem port
- i.LINK (IEEE 1394) port
- Secure Digital® (SD) slot

Physical Description

- Dimensions (LxWxH): 13.4" x 11.6" x 1.9
- Weight: 7.9lbs
- LED Indicators: HDD, 2nd HDD, CD/DVD, DC-IN, Caps Lock, Arrow, Numeric, Main Battery Charging Status, System Sleep / Suspend status, Wireless Communication switch (left side), SD Card (right side)

Sound

- Analog Devices AD1981B Codec Chip, Software sound
- 16-bit stereo, **Built-in harman/kardon® Stereo Speakers**
- Direct 3D Sound (supported by sound driver); DirectSound and DirectMusic (supported by sound driver); Full Duplex and MIDI (play back) support, 32 voices
- Sound Volume (by dial)
- **Ports:** External Microphone port, headphone port, Line-in port

Power Supply

- **AC Adapter:** 90W AC Adapter, 100-240V / 50-60Hz frequency (Universal) input voltage, 15V x 6A Output.
  Dimensions (LxWxH): 5.8" x 2.2" x 1.2"
  Weight: 1.1lbs
- **Battery Pack:** 12-cell, rechargeable, removable Lithium Ion (Graphite) battery, 10.8V x 8400mAh
  Dimension (LxWxH): 8.1" x 3.5" x 0.8"
  Weight: 1.4lbs
- Battery Saver (in Windows): Stand by, HDD Auto Off, Display Auto Off, Hibernation
- Up to 2.5H Battery life;Recharge time(Off/On): 3.5H (Off)/7-12H+ (On)
  Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Recharge time varies depending on usage. Battery may not charge while computer is consuming full power. After a period of time, the battery will lose its ability to perform at maximum capacity and will need to be replaced. This is normal for all batteries. To purchase a new battery pack, see the accessories information that shipped with your computer or visit www.accessories.toshiba.com

Part Numbers

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Security
- Slot for Kensington Cable lock, HDD and memory (by screw only), User Power-on password, Setup Security (by help of SVPW utility), HDD Password (by help of HDD password setup utility), Screen Blank (by Hotkey), Keyboard lock (by Hotkey), Screen Saver by software

Bios
- TSETUP, ACPI, VESA, DPMS, DDC, SM BIOS, PCI BIOS support

Operating System
- Microsoft® Windows XP Home pre-installed **(2455-S305)**
- Microsoft® Windows XP Pro pre-installed **(2455-S306)**
- Windows 2000 component drivers on the web

Additional Software
- Microsoft® Works
- Intuit® Quicken Basic 2001
- Norton® AntiVirus™ 2002
- AOL® (3.-month offer)
- Adobe® Acrobat™ Reader
- AT&T® Worldwide® Service – 1 Month Free
  Telephone access and other charges and other terms and conditions may apply. Offer available to new customers only. Offer expires 4/30/04.
- Microsoft Internet Explorer
- Toshiba Custom Utilities
- Satellite Series Online Documentation
- ***Toshiba Great Software Offer*****:** Receive your choice of two software titles. The software selection includes titles from the follow categories; productivity, education/reference, creativity and entertainment

Warranty
- 1 year parts, labor and battery

Environmental Specifications
- **Temperature:** Operating: 5° to 35°C (41° to 95°F); Non-operating: -20° to 65°C (-4° to 149°F)
- **Thermal gradient:** Operating: 15°C per hour maximum; Non-operating: 20°C per hour maximum
- **Relative Humidity:** Operating: 20% to 80%; Non-operating: 10% to 95%
- **Altitude (relative to sea level):** Operating: -60 to 3000 meters; Non-operating: -60 to 10,000 meters
- **Shock:** Operating: 10G; Non-operating: 60G
- **Vibration:** Operating: 0.5G; Non-operating: 1.0G

SelectServ® Warranty Programs

SWP-PEQQ3V	Warranty Extension to 3 Years
SWP-PEGQ3V	3 Year SystemGuard
SWP-PEQX3V	3 Year Depot Express
SWP-PEQN3V	3 Year Business On-Site Repair; Next Day Business Day Response
SWP-PEGX3V	3 Year SystemGuard + Depot Express
SWP-PEGN3V	3 Year SystemGuard + Business On Site Repair, Next Business Day Response

Selected Accessories

Toshiba Accessories

PA2521U-1ACA	Global AC Adapter (90W)
PA2522U-1BRS	Primary Battery Pack (Black) 12 cell
PA3109U-1FDD	USB Floppy Drive
PA3133U-1H30	40GB (Slim Select Bay 2nd HDD)
PA3204U-1H60	60GB (Slim Select Bay 2nd HDD)
PA3134U-1ETC	Slim Select Bay HDD Adapter
PA3137U-3CD2	Slim Select Bay DVD-ROM/CD-RW (Combo)
PA3231U-1DV1	Slim Select Bay DVD Multi
PA3224U-2ETC	Toshiba Style Bay Bridge Media Adapter
PA3212U-3MPCR	Wireless LAN Card Kit 802.11b (Agere)
PA3273U-1MPC	Wireless LAN Card Kit 802.11a/b (Atheros) (Dealer Install Only)

Kingston Memory

KTT-3614/128	128MB PC2100 DDR SDRAM
KTT-3614/256	256MB PC2100 DDR SDRAM
KTT-3614/512	512MB PC2100 DDR SDRAM

Targus Cases-Security

NWCGV01	Targus Global Traveler Case
NWDEFCL	Defcon CL Cable Lock

*Go to www.accessories.toshiba.com for additional, available accessories

Product/Part Numbers

Satellite 2455-S305 **(Win XP Home pre-installed)**	PS245U-075RSV
Satellite 2455-S306 **(Win XP Pro pre-installed)**	PS245U-075RS6

*GB = 1 Billion bytes

***** Central Processing Unit ("CPU") Performance Disclaimer:***

CPU performance in your computer product may vary from specifications under the following conditions:

- use of certain external peripheral products
- use of battery power instead of AC power
- use of certain multimedia games or videos with special effects
- use of standard telephone lines or low speed network connections
- use of complex modeling software, such as high end computer aided design applications
- use of computer in areas with low air pressure (high altitude >1,000 meters or >3,280 feet above sea level)
- use of computer at temperatures outside the range of 5°C to 35°C (41°F to 95° F) or >25°C (77°F) at high altitude (all temperature references are approximate).
- CPU performance may also vary from specifications due to design configuration.

Under some conditions, your computer product may automatically shut-down. This is a normal protective feature designed to reduce the risk of lost data or damage to the product when used outside recommended conditions. To avoid risk of lost data, always make back-up copies of data by periodically storing it on an external storage medium. For optimum performance, use your computer product only under recommended conditions. Read additional restrictions under "Environmental Conditions" in your product Resource Guide. Contact Toshiba Technical Service and Support for more information.

Return Policy

TAIS does not accept the return of component parts, or bundled software, which have been removed from the PC system. Pro-rata refunds on individual PC components or bundled software, including the operating system, will not be granted. If you wish to return a complete PC system, contact the TAIS dealer where you purchased the product, and comply with the dealer's standard return policies and procedures.

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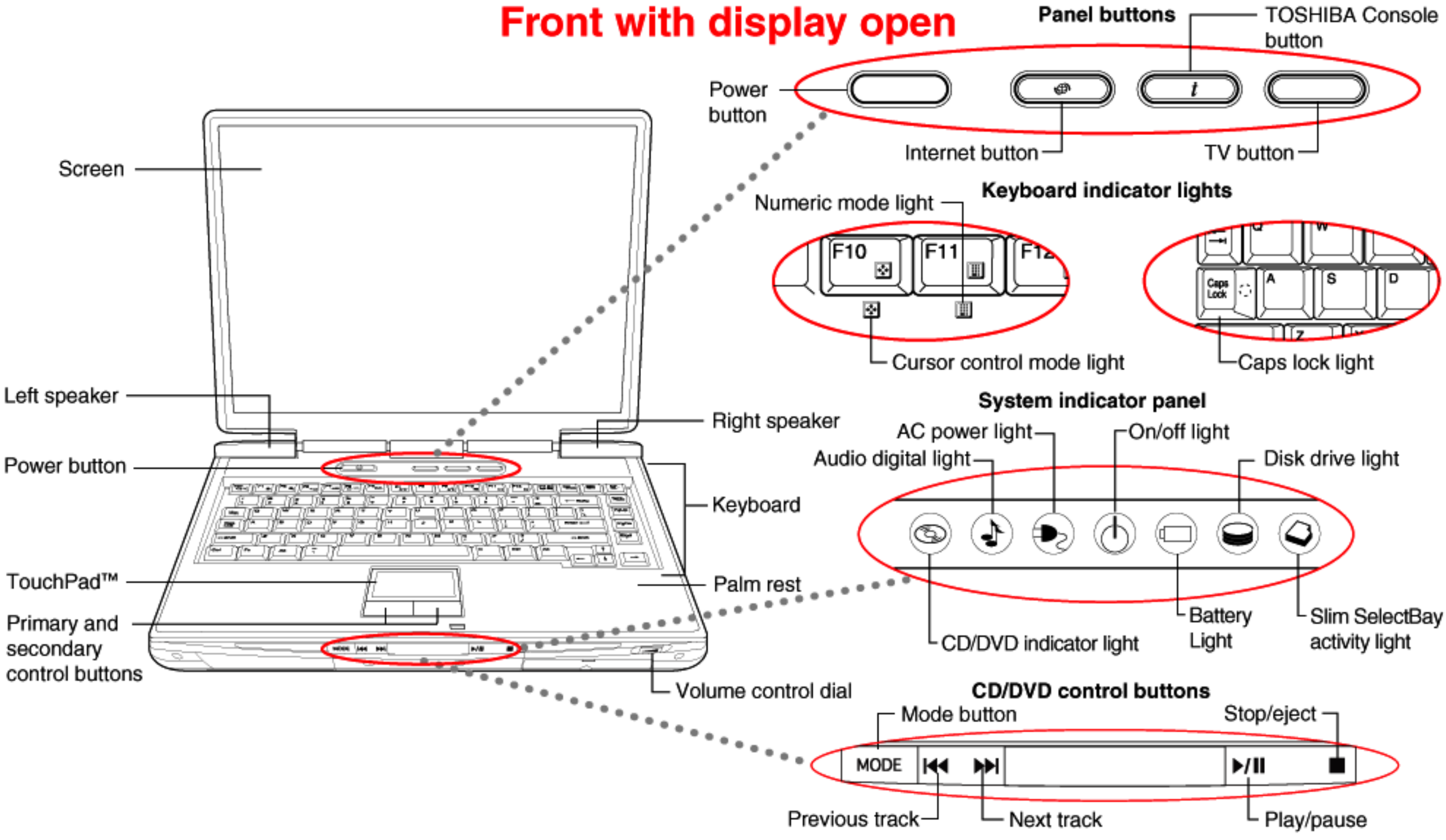
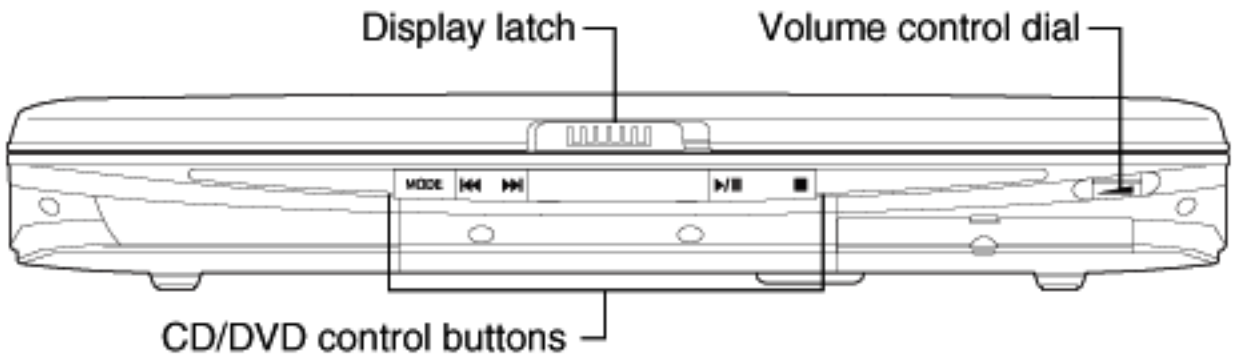
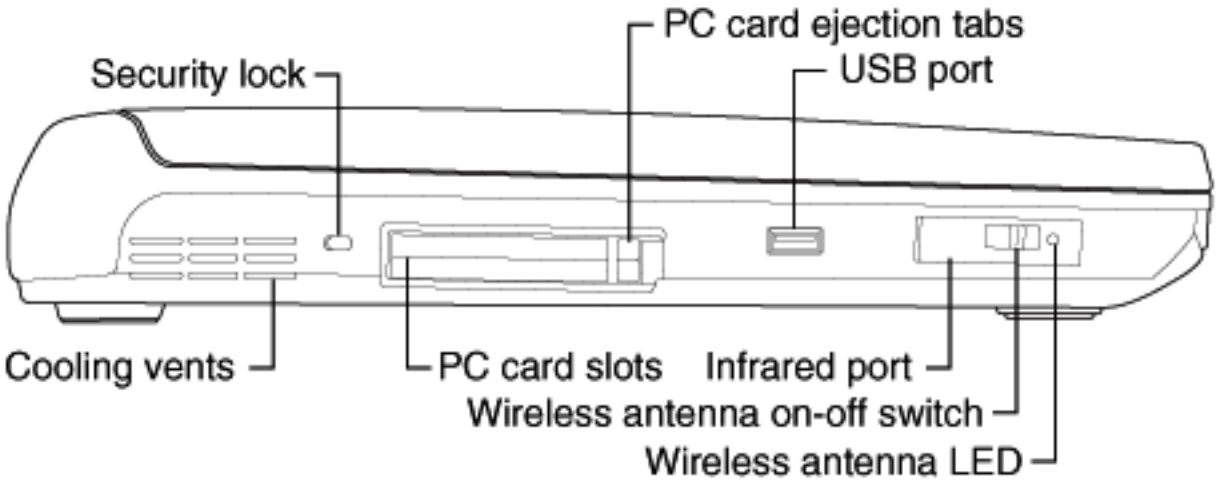
Front with display open



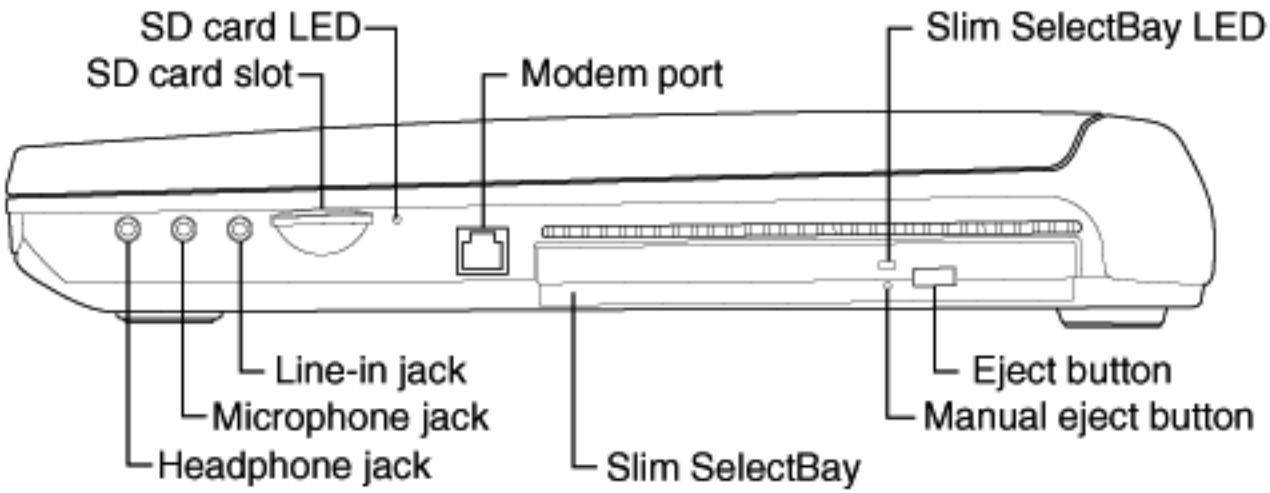
Front with display closed



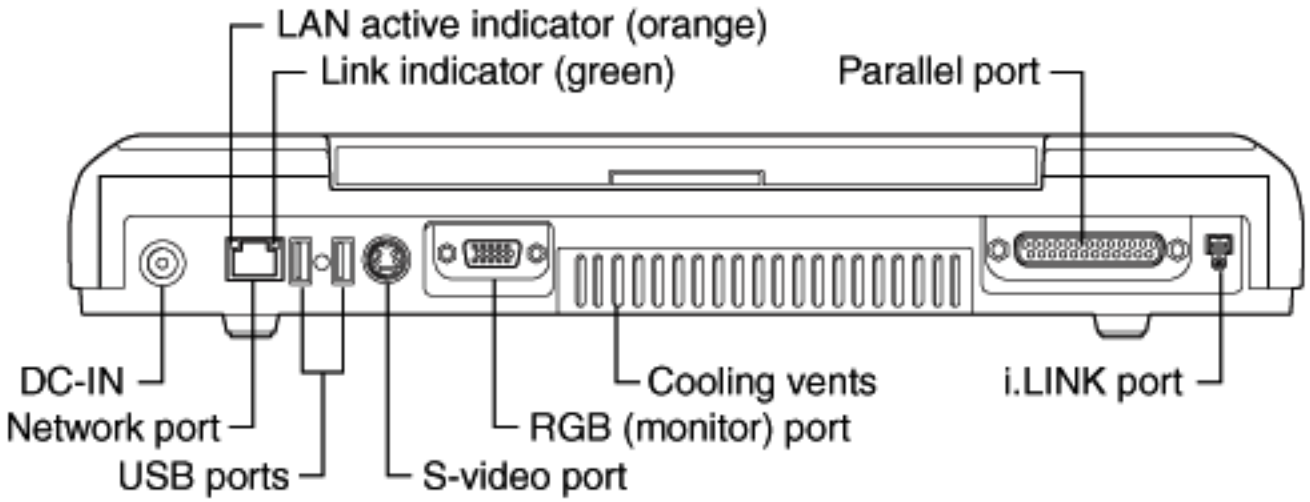
Left side


PC card ejection tabs
Security lock
USB port
Cooling vents
PC card slots
Infrared port
Wireless antenna on-off switch
Wireless antenna LED

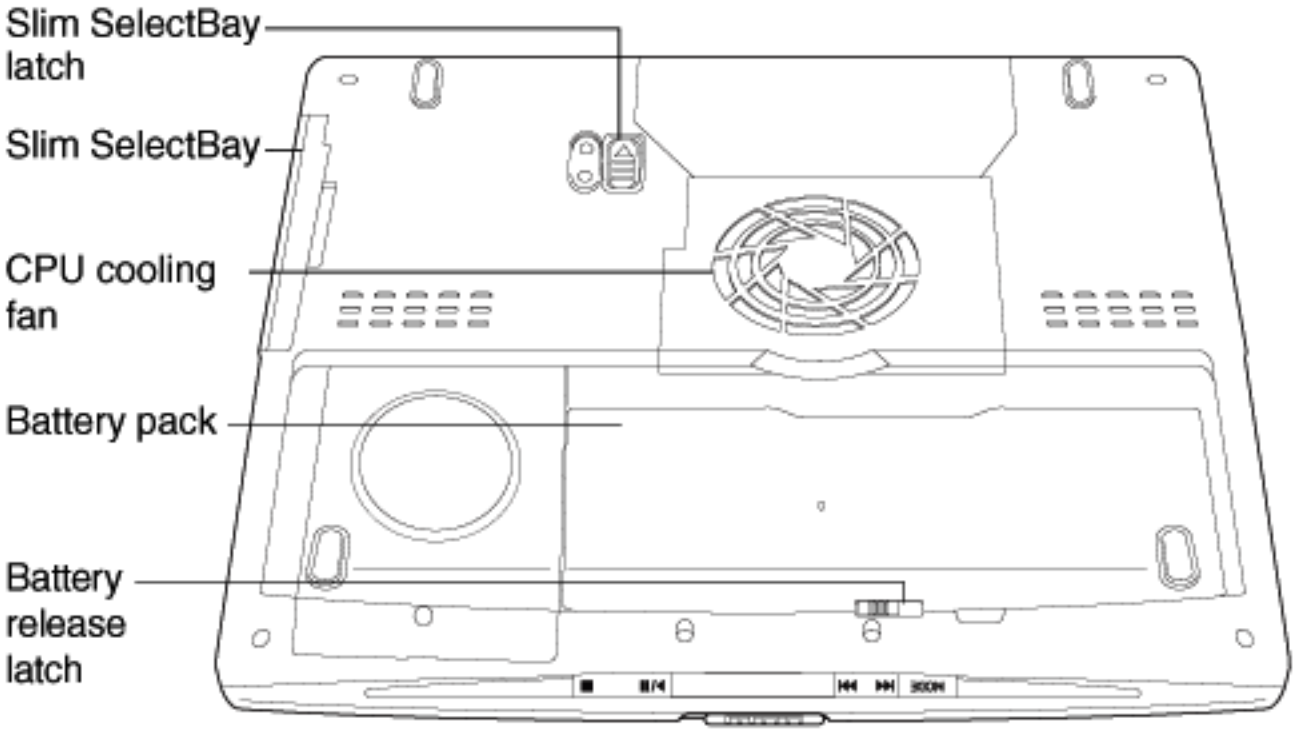
Right side


SD card LED
SD card slot
Modem port
Slim SelectBay LED
Line-in jack
Microphone jack
Headphone jack
Slim SelectBay
Eject button
Manual eject button

Back


LAN active indicator (orange)
Link indicator (green)
Parallel port
DC-IN
Network port
USB ports
S-video port
RGB (monitor) port
Cooling vents
i.LINK port

Underside


Slim SelectBay latch
Slim SelectBay
CPU cooling fan
Battery pack
Battery release latch